

Erosion and sediment yield in mountain regions of the world

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Abstract

In the forest zones, channel erosion dominates slope erosion. Where forest cover is absent due to either natural conditions or anthropogenic activity, slope erosion and denudation become the principal source of sediment in the river network. Depending on the predominance of either channel or slope erosion, two types of mountain erosion systems can be distinguished: in the first sediment yield depends on the basin area directly, in the second the relationship is indirect.

-from Authors
